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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105
Revised 1-1-65

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		5a. Indicate Type of Lease State ☒ Fee ☐	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		5. State Oil & Gas Lease No. <u>B-1520</u>	
2. Name of Operator <u>Mobil Oil Corporation</u>		7. Unit Agreement Name	
3. Address of Operator <u>Box 633, Midland, Texas</u>		8. Farm or Lease Name <u>Bridges State</u>	
4. Location of Well <u>UNIT LETTER B LOCATED 780 FEET FROM THE North LINE AND 2135 FEET FROM East LINE OF SEC. 13 TWP. 17-S RGE. 34-E NMPM</u>		9. Well No. <u>152</u>	
15. Date Spudded <u>3-5-71</u>		10. Field and Pool, or Wildcat <u>Vacuum abn, North</u>	
16. Date T.D. Reached <u>3-31-71</u>		12. County <u>Lea</u>	
17. Date Compl. (Ready to Prod.) <u>4-5-71</u>		18. Elevations (DF, RKB, RT, GR, etc.) <u>14022 GA</u>	
19. Elev. Casinghead		23. Intervals Drilled By <u>X</u>	
20. Total Depth <u>8700</u>		21. Plug Back T.D. <u>-</u>	
22. If Multiple Compl., How Many <u>-</u>		23. Rotary Tools <u>X</u>	
24. Producing Interval(s), of this completion - Top, Bottom, Name <u>8535-8595 Vacuum abn, North</u>		25. Was Directional Survey Made <u>Yes</u>	
26. Type Electric and Other Logs Run <u>Dresser-Atlas GC-Cellar-Conn</u>		27. Was Well Cored <u>NO</u>	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
<u>8 3/4</u>	<u>23#</u>	<u>1270</u>	<u>12 1/4</u>
<u>5 1/2</u>	<u>16.50# 17#</u>	<u>2700</u>	<u>7 7/8</u>
CEMENTING RECORD		AMOUNT PULLED	
<u>1000X</u>		<u>-</u>	
<u>3100X</u>		<u>-</u>	
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
30. TUBING RECORD			
SIZE	DEPTH SET	PACKER SET	
<u>2 3/4"</u>	<u>8657</u>	<u>-</u>	
31. Perforation Record (Interval, size and number) <u>8535, 36, 44, 54, 55, 64, 65, 76, 77, 78, 79, 80, 81, 82, 83, 84, 92, 94 and 8595 1-1 SPF</u> <u>Total of 20 Holes</u>			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED		
<u>8535-8595</u>	<u>1-1 SPF Total of 20 Holes</u> <u>500 service cap added in 84</u> <u>10,000 gals 15% HCl acid + 50#/1000</u> <u>gals Friction Reducant 20 PPM added</u>		
33. PRODUCTION			
Date First Production <u>4-4-71</u>	Production Method (Flowing, gas lift, pumping - Size and type pump) <u>Pumping 2" x 1 1/4"</u>		Well Status (Prod. or Shut-in) <u>Prod</u>
Date of Test <u>4-12-71</u>	Hours Tested <u>24</u>	Choke Size	Prod'n. For Test Period
			<u>154</u>
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. <u>115</u>
			Gas - MCF <u>2</u>
			Water - Bbl. <u>747</u>
			Gas - Oil Ratio <u>36.9</u>
34. Disposition of Gas (Sold, used for fuel, vented, etc.) <u>Sold - Phillips Petroleum Company</u>			
35. List of Attachments <u>(1) Daily Drilling Report Summary</u>			
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.			
SIGNED <u>W. McCalla</u>		TITLE <u>Authorized Agent</u> DATE <u>4-15-71</u>	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy each of electrical and radio-activity logs run on the well and a summary of all special tests conducted, including mill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, It shall be reported through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Annex C.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anky <u>1689</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates <u>2933</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <u>3896</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>4634</u>	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta <u>6668</u>	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb <u>7418</u>	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo <u>8102</u>	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	250		Caliche				
250	1370		Redbed				
1370	1770		Anky				
1770	2275		Anky & Salt				
2275	3210		Anky & Salt				
3210	3370		Anky				
3370	8700	T.D.	Wide				

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OIL CONSERVATION COMM.
ALBUQUERQUE, N.M.

DAILY DRILLING REPORT

Bridges State #152

BRIDGES STATE #152, 660' FNL & 2180' FEL Sec 13, T-17-S, R-34-E, Lea Co, NM. OBJECTIVE: Drill and complete single Abo well. AFE 1101 - Mobil Intr 100% - Est Cost \$117,000.

3/5/71 RUT, Marcum Drlg Co 70% RU.

BRIDGES STATE #152

3/6 (1) 1277 drlg red bed, 12 $\frac{1}{4}$ " hole, 3/4 @ 785. Native Mud. Marcum Drlg Co spud in 1:00 p.m. 3/5/71.

3/7 (2) 1770 ND anhy, WOC on 8-5/8 csg, ran 44 jts 1770' L.B. Foster 23.0# ST&C csg, Dowell cemented on bottom @ 1770 w/ 800x Class H 8% gel cement + 200x Class H Neat, all cement contained 2% CaCl, PD @10:15 p.m. 3/6/71, cement circ.

3/8 (3) 3065 drlg salt & anhy, 7-7/8" hole, 1 $\frac{1}{4}$ @ 2686. Br Wtr. WOC 18 $\frac{1}{2}$ hrs, test 8-5/8 csg w/ 1000#/ok.

BRIDGES STATE #152

3/9 (4) 3207 drlg anhy, 7-7/8" hole, 1 $\frac{1}{4}$ @ 3074. Br Wtr. Fish & rec 2 cones in 16 $\frac{1}{2}$ hrs.

BRIDGES STATE #152

3/10 (5) 3602 drlg anhy & lm, 7-7/8" hole, $\frac{1}{2}$ @ 3450. Br Wtr.

BRIDGES STATE #152

3/11 (6) 4050 drlg lm, 7-7/8" hole, 1 $^{\circ}$ @ 3860. Br Wtr.

BRIDGES STATE #152

3/12 (7) 4405 drlg lm, 7-7/8" hole, 1 $\frac{1}{2}$ @ 4190. Br Wtr.

BRIDGES STATE #152

3/13 (8) 4712 drlg lm, 7-7/8" hole, 1 $^{\circ}$ @ 4550. Br Wtr.

3/15 (10) 5317 drlg lm, 7-7/8" hole, 1 $^{\circ}$ @ 4775. Br Wtr.

BRIDGES STATE #152

3/16 (11) 5675 drlg lm, 7-7/8" hole, $\frac{1}{2}$ @ 5600. Br Wtr.

BRIDGES STATE #152

3/17 (12) 6073 drlg lm & sh, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #152

3/18 (13) 6385 drlg lm & sh, 7-7/8" hole, 3/4 @ 6073. Br Wtr.

BRIDGES STATE #152

3/19 (14) 6632 drlg lm, 7-7/8" hole, $\frac{1}{4}$ @ 6580. Br Wtr.

BRIDGES STATE #152

3/20 (15) 6904 drlg lm, 7-7/8" hole, NND. Br Wtr.

3/22 (17) 7249 drlg lm, 7-7/8" hole, 3/4 @ 7100. Br Wtr.

BRIDGES STATE #152

3/23 (18) 7393 drlg lm, 7-7/8" hole, NND. Br Wtr.

BRIDGES STATE #152
 3/24 (19) 7548 drlg 1m, 7-7/8" hole, NND. Br. Wtr.

BRIDGES STATE #152
 3/25 (20) 7700 drlg 1m, 7-7/8" hole, 3/4" @ 7640. Br. Wtr.

BRIDGES STATE #152
 3/26 (21) 7915 drlg 1m, 7-7/8" hole, NND. Br. Wtr.

BRIDGES STATE #152
 3/27 (22) 8120 drlg 1m, 7-7/8" hole, NND. Br Wtr.

3/29 (24) 8367 drlg 1m, 7-7/8" hole, 1/2 @ 8120. Br Wtr.

BRIDGES STATE #152
 3/30 (25) 8468 drlg 1m, 7-7/8" hole, 1/4 @ 8415. Br Wtr.

BRIDGES STATE #152
 3/31 (26) 8700 TD 1m, 7-7/8" hole, NND. 10.1-36-14.0.
 Finish hole @ 7:00 a.m. 3/31/71, prep to cond hole to run logs.

BRIDGES STATE #152
 4/1 8700 TD, WOC 5 1/2 csg, circ 3 hrs, P & LD DP & DC's, Dresser-Atlas ran SWN & GR logs 0-8690 (logger's TD 8700) in 4 1/2 hrs, ran 269 jts 8700' 5 1/2 OD 17.0# & 15.50# N80 & J55 ST&C & LT&C csg, 2024' 17.0# csg on bottom, Dowell cement w/ 2900x TLLW w/ 1/4# Flocele in 1st 1000x + 200x Incor Neat, PD @ 6:15 a.m. 4/1/71, cement did not circ, WOC.

BRIDGES STATE #152, 8700 TD.
 4/2 RD, Rel Marcum Drlg Co rig @ 9:15 a.m. 4/1/71, WOC 8 hrs, Worth Well ran Temp Survey, top of cement @ 2695, prep to MOT.

BRIDGES STATE #152, 8700 TD.
 4/3 MOT, inst'l unit anchors, prep to compl.

4/5 MIRU X-Pert Well Serv unit, inst'l BOP, ran 4-3/4 bit, 5 1/2 csg scraper on 2-3/8 tbg to 8661, test 5 1/2 csg 1500#/ok, displ wtr w/ lse oil, spot 500 gals 15% NE acid on bottom, POH w/ tbg & bit, Dresser-Atlas ran GR-Collar-Corr log from 8200-8661 PBTD, then perf 5 1/2 csg in the Abo @ 8535; 36; 44; 52; 54; 55; 64; 65; 76; 77; 78; 79; 80; 81; 82; 83; 84; 92; 94; & 8595 w/ 1 JSPF, total of 20 holes, ran Baker Model R pkr on 2-3/8 tbg set @ 7974, Knox Serv Co displ acid into form, BDTP 3300, TTP 3300-4300, AIR 2.5 BPM, ISIP 3200, 5 min 2800, reset pkr @ 8496, S 37 BLO + 5 BNO + 6 BAW/2 hrs, 1200' FIH, gd sh of gas, Knox Serv Co acidized perfs w/ 10,000 gals 15% NE acid using 5#/1000 gals friction reducer + 20 RCNB sealers, TTP 4000-4800, AIR 5.5 BPM, ISIP 3650, 10 min 2200, job compl 6:30 p.m. 4/4/71, S & F 37 BLO + 63 BNO + 16 BAW/12 hrs, L hr F 17 bbls, S/O 90% oil on open ck, TP 0-50, cont to test.
 - 230 BAW.

BRIDGES STATE #152, 8700 TD.
 4/6 F 100 BNO + 6 BAW/11 hrs on 26/64 ck, TP 50-100, L hr F 10 bbls, S/O 98% oil, prep to POP.
 - 224 BAW.

BRIDGES STATE #152, 8700 TD.

4/7

Unseat pkr, POH w/ 2-3/8 tbg & pkr, rerun 2-3/8 tbg, OP to 8657, T. perfs 8620-23, SN @ 8619, Baker TA catcher set @ 8495 w/ 15,000# T, remove BOP, inst'l wellhead, now running pump and rods.

BRIDGES STATE #152, 8700 TD.

4/8

Finish running pump & rods, spaced out, clamped off, RD, Rel unit & Rel to Prod to set PU @ 12:00 noon 4/7/71.
- 170 BLO + 224 BAW.

BRIDGES STATE #152, 8700 TD.

4/12/71

Set PU. P 170 BLO + 40 BNO + 1 BAW/24 hrs.

POTENTIAL

NM OCC POT: P 154 BNO + 2 BAW/24 hrs, 12 - 1 1/4 x 76" SPM, GOR 747/1, Grav 36.9 @ 60, Allow 154 nonprorated, Top 382, Cap 154, Compl 4/4/71.
- 221 BAW.

FINAL REPORT.